Testimonial by Aurélie Chevallier on the use of SmartEar

Hello.

I’ve been working as a laboratory technician in the Bacteriology Department for LABAZUR in Chambéry [Savoie, France] since August 2015. I cannot wear a hearing aid because I suffer from profound deafness.

In the department, there are many alarms, especially for automated equipment, hoods, doorbells, etc. Most of the time, my colleagues let me know when they hear one of these alarms, which means I’m not really independent. Things aren’t always easy for them, mainly when they have to interrupt what they’re doing to warn me, which is a source of stress for everyone. Since there are times when I work alone in the lab, at the end of the day or when I’m on duty, SmartEar is a great help in dealing with unforeseen events, like an unexpected courier or a fire alarm. It’s a matter of security.

Are you pursuing your research?
Yes, of course: to improve SmartEar for our subscribers’ benefit. We are focusing on other disabilities, including blindness and visual impairment.

What happens in case of power failure?
Although the SeeToEar is connected to the mains, it has a battery with a 6-hour charge in case of power failure. The Alert’Flash battery has a 12-hour charge and can be recharged by connecting to the mains or by wireless induction.

How does the guarantee work?
In the event of a problem or failure (never observed during tests), we will immediately replace the device with a new one.

Can new functionalities be added?
Automatic updates are all made directly on your smartphone. You have nothing to do.
Deaf and hearing-impaired persons may have problems with hearing aids, despite their advantages. Nonetheless, the great majority of them need to take a break from time to time. And SmartEar can help them: at home, deaf and hearing-impaired persons can actually “see” sounds. The sounds they can “see” include those in everyday life as well as those intended to warn them of exceptional threats. These moments of respite SmartEar can provide them are essential for both deaf and hearing-impaired persons and the people around them.

• PLUG IN SeaToEar,
• RECORD up to 30 sounds using your smartphone,
• VISUALISE each sound using Alert’Flash(es) and/or a smartphone.

SmartEar can be used by one or more people with or without a smartphone. You can choose from 3 solutions:

1. Receiving a light flash and vibration, only on your smartphone(s)
2. Receiving a flash of colour, only on Alert’Flash(es)
3. Receiving all alarms on both your smartphone(s) and Alert’Flash(es)

A PATENTED INNOVATION COMBINING SIMPLICITY AND PERFORMANCE

NOW, YOU CAN “SEE” UP TO 30 SOUNDS!

WITH SMARTEAR ...

SOUNDS ARE RECORDED WITH SEEETOEAR

1. The SmartEar system perceives sounds in real time, 24 hours a day
2. An alarm is heard

SmartEar compares and recognises the sound

It converts the sound into digital language

3. The smartphone signals the alarm

SmartEar then sends the signal to all connected devices

4. For example, Alert’Flash warns when the doorbell is rung

5. The smartphone receives and sends the alarm

6. SmartEar detects the sound

7. The doorbell rings

An example of how to use it:

INSTALLING SMARTEAR

• PLUG IN SeaToEar,
• RECORD up to 30 sounds using your smartphone,
• VISUALISE each sound using Alert’Flash(es) and/or a smartphone.